

THIRD SUPPLEMENTAL PRELIMINARY  
AMENDMENT  
U.S. Appln. No. 09/662,181

**Add the following new Claims 78-86:**

F<sup>1</sup> 78. A coated substrate which is a glass substrate provided on at least a portion of one of its faces with a coating having photocatalytic properties, and comprising titanium oxide at least partly crystallized in the anatase form, and obtained by chemical vapor deposition followed by an annealing heat treatment.

79. The coated substrate according to claim 1, wherein the coating has a thickness up to 130 nm.

80. A coated substrate which is a glass substrate provided on at least a portion of one of its faces with a coating having photocatalytic properties, and comprising titanium oxide at least partly crystallized in the anatase form, and wherein at least one thin layer is located between said substrate and said coating.

81. A coated substrate which is a glass substrate provided on at least a portion of one of its faces, and contacting said portion, with a coating having photocatalytic properties, and comprising titanium oxide at least partly crystallized in the anatase form.

82. A coated substrate which is a glass substrate provided on at least a portion of one of its faces, with a coating having photocatalytic properties, and comprising titanium oxide at least

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partly crystallized in the anatase form, and wherein an underlayer is present between, and contacts, said substrate and said coating, and which underlayer acts as a barrier with respect to alkali ions.

83. A coated substrate which is a glass substrate provided on at least a portion of one of its faces, with a coating having photocatalytic properties, and comprising regions of titanium oxide at least partly crystallized in the anatase form and regions of an amorphous or partially crystalline oxide of titanium other than anatase form.

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84. A double glass glazing comprising on at least a portion of one of its outer faces a coating having photocatalytic properties, wherein said coating comprises titanium oxide at least partly crystallized in the anatase form.

85. A coated substrate which is a glass substrate provided on at least a portion of one of its faces with a coating having photocatalytic properties, and comprising titanium oxide at least partly crystallized in the anatase form, wherein the crystallized titanium oxide is in the form of crystallites, and the thickness of the coating is at least two times greater than the mean diameter of said crystallites.